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SECRET CLASSIFICATION S-E-C-E-E-T

CENTRAL INTELLIGENCE AGENCY

REPORT

50X1-HUM

INFORMATION FROM FOREIGN DOCUMENTS OR RADIO BROADCASTS

CD NO.

COUNTRY

USSR

DATE OF

1949 - 1951

SUBJECT

INFORMATION

Γ

Scientific - Nuclear physics Biographic - Scientific

HOW

PUBLISHED

Thrice-monthly, monthly periodicals;

DATE DIST. 3 Aug 1951

WHERE

PUBLISHED

daily newspaper Beirut: Moscow

NO. OF PAGES

DATE

PUBLISHED

Feb 1949 - Apr 1951

SUPPLEMENT TO

LANGUAGE

Russian; Armenian

REPORT NO.

MIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENS F THE UNITED STATES WITHIN THE MEANING OF ESPIONAGE ACT B -S. C., 31 AND 32, AS AMENDED ITS TRANSISSION OF THE REVELATION F ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED FENSON IS PRO-BITED BY LIM REPRODUCTION OF THIS FORM IS PRO-INSITED

THIS IS UNEVALUATED INFORMATION

SOURCE

Newspaper and periodicals as indicated

KAPITSA APPEARS IN PRINT AGAIN

The recent appearance of what seems to be the first article in 2 years by P. L. Kapitsa, noted Soviet physicist, is of considerable interest. After a long silence, Kapitsa is listed as the author of "Calculating the Sums of Negative Even Powers of the Roots of Bessel Functions" in Doklady Akademii Nauk SSSR, Vol LXXVII. No 4, 1 April 1951

Kapitsa was named director of the Institute of Physical Problems, Academy of Sciences USSR, in 1945. In 1943, he was awarded a Stalin Prize First Class for research on the superfluidity of liquid helium.

Although Kapitsa was normally a prolific writer, a survey of open-source failed to uncover any articles Soviet periodical literature written by him since February 1949. At that time "Wave Flow of Thin Layers in Viscous Liquids III. Experimental Studies of Wave Action in Flow, written in conjunction with S. P. Kapitsa, appeared in Zhurnal Eksperimental noy i Teoreticheskoy Fiziki, Vol XIX, No 2, 1949.

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One possible reason for this silence might be found in the fact that Kapitsa was reportedly replaced as director of nuclear research at Atomgrad, supposedly the Soviet A-bomb center, by a Professor Komarov. This information was revealed on 26 February 1949 by the Armenian daily newspaper Zartonk, published in Beirut.

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